

2007 Engineering Conference Breakout Period 9.

5. New Regulatory Wetland Guidance

Track: Environmental

Presenters: Ken Bogdan (Jones & Stokes)

Synopsis: New regulatory wetland guidance has come out discussing Clean Water Act jurisdiction following the U.S. Supreme Court decision in *Rapanos v. United States*. This session will discuss the new guidance and how it affects transportation projects.

Time Required: 50 Minutes

18. Bonded Wearing Course Performance and Site Selection

Track: Materials

Presenters: Oscar Moreno and Tim Biel

Synopsis: The Bonded Wearing Course (BWC) process places an ultra-thin hot mix over a polymer modified asphalt membrane. The BWC process is quick, completed in one pass by a spray paver, which means the road can be opened to traffic sooner. The Polymer modified asphalt membrane protects the pavement from moisture damage, therefore reducing the effects of reflective cracking. It can be placed in one pass, without milling, quick construction and return to traffic mean shorter user delays and lower user delay costs. Coarse aggregate matrix results in reduced backspray, for greater visibility in wet weather as well as good macrotexture, and an ultrathin lift means maintaining overhead clearances, curbs and drainage profiles as well as lower costs.

Time required: 50 minutes

26. ePM for Functional Managers

Track: Project Management

Presenters: Tony Lau and Griff Campbell

Synopsis: Overview of Functional Manager's responsibilities and how using the ePM System can help manage resources and schedules. We will explore new features, how a Project Manager sets up a project, how to conduct project research for payroll & reporting, updating project activity dates and hours for the MPS (Multiple Project Scheduling) run and how to use the system to determine your workload.

Time Required: 50 minutes

40. Safe Routes to School

Track: ITS / Traffic Management / Safety

Presenter: Michael Kaczorowski

Synopsis: FHWA has initiated a program whose goal is to encourage students to walk or bike to school. The program will award funds to both infrastructure projects such as sidewalks, and non-infrastructure projects such as incentives and events that educate and promote walking and biking to school. Those applicants awarded funds must hire their own engineers for design and construction management, so this session should interest contractors and design firms.

Time Required: 50 minutes

50. Recap of the Progress on UDOT's Major Projects; Legacy, I-15 NOW, Provo Canyon

Track: Construction/AGC

Presenters: Randy Jefferies, Todd Jensen, and Jim Golden

Synopsis: Recap of the Progress on UDOT's Major Projects; Legacy, I-15 NOW, Provo Canyon

Time Required: Two back to back sessions, 90, plus 50 minutes

67. Project Wise

Track: Design

Presenters: Bob Peterson

Synopsis: This session will talk about the current status of the ProjectWise implementation and what future plans the department has for document management. ProjectWise is a document management system that was developed by Bentley Systems, Inc.

Time Required: 50 minutes

73. High School Students: A UDOT-Sponsored Informational Session for High School Student Attendees.

Track: Leadership/Organizational

Presenters: Carla Freebairn

Synopsis: A UDOT-sponsored informational session for high School Student Attendees

Time Required: 50 minutes